U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. F		No.	PUSA031023 (15749/445)	
First Inventor Hui-Mi		Hui-N	∕ling Tsai	
Title	ANTI-TH	IEFT D	EVICE	
Everage Mail Label No.		ol No	EL DOESOESEA LIS	

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. 7. CD-ROM or CD-R in duplicate, large table or 1. 🔯 Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🛛 Specification Total Pages a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross References to Related Applications - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix **ACCOMPANYING APPLICATIONS PARTS** - Background of the Invention - Brief Summary of the Invention 9. 🔲 Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 10. 37 C.F.R.§3.73(b) Statement Power of - Detailed Description (when there is an assignee) - Claim(s) - Abstract of the Disclosure 11. English Translation Document (if applicable) 4. 🛛 12. 🔲 Copies of IDS Drawing(s) (35 U.S.C.113) [Total Sheets Information Disclosure Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Pages 13. Preliminary Amendment a. Newly executed (original or copy) 14. 🛛 Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🔲 Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. □ Request and Certification under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. 🔲 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: □ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No: _ Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS ☐ Customer Number or Bar Code Label Correspondence address below (Insert Customer No. or Attach bar code label here) Alan D. Kamrath Name Rider Bennett, LLP Address 333 South Seventh Street, Suite 2000 City Minneapolis Minnesota 55402 State Zip Code Country USA Telephone (612) 340-8925 Fax (612) 340-7900 Name (Print/Type) Alan D. Kamrath Registration No. (Attorney/Agent) 28,227

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Date

November 10, 2003

Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	==		
	=	=	
	=		
	Ш	▆	
		╤	
_	==	=	
	=	==	
_		=	
_		☱	
$\overline{}$	=	=	
\mathbf{C}	=	==	
	==	≡	
ಹ	==	=	
ω	==	=	
		=	
- 3	=	=.	
=	==	==	
-	==	=	
-	_	=	

 ${\bf P}^{\rm i}$

EEE TO ANOMITTAL		Complete if Known					
FEE TRANSMITTAL	Application Number						
for FY 2002	Filing Date	November 10, 2003					
	First Named Inventor	Hui-Ming Tsai					
Patent fees are subject to annual revision.	Examiner Name	2					
	Group / Art Unit						

TOTAL AMOUNT OF PAYMENT (\$) 385					Attorney Docket No. PUSA031023 (15749/445)			/445)			
METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)						
1. 🛭		oner is hereby aut and credit any ove	horized to charge er payments to:			ITIONAI Large Entity	L FEES	Small Entity	· ·		
Deposit	50.4400				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee C	Description	Fee Paid
Number				105	130	205	65	Surcharge - late	filing fee or oath		
Deposit						50	227	25	Surcharge - late or cover sheet.	provisional filing fee	
Account	Rider, Bennett,	Egan & Arundel,	LLP		139	130	139	130	Non-English spe	ecification	
Name	A 4 4 1 1 1 1 5 5				147	2,520	147	2,520	For filing a reque	est for reexamination	?
Under 37 C	Additional Fee R CFR 1.16 and 1.17	,			112	920*	112	920*	Requesting publ Examiner action	ication of SIR prior to	
See 37 CF		status.			113	1,840°	113	1,840*	Requesting publ Examiner action	ication of SIR after	
2. 🔲 Paymen	t Enclosed:				115	110	215	55	Extension for rep	ply within first month	
□Check	☐ Credit card	☐ Money Order	☐ Other		116	420	216	210	Extension for rep	ply within second	
	FEE CA	LCULATION			117	950	217	475	Extension for rep	ply within third month	
1. BASIC FIL					118	1,480	218	740	Extension for rep month	ply within fourth	
Large Entity S	_				128	2,010	228	1,005	Extension for rep	ply within fifth month	
	ee Fee F Code (\$)	ee Description	Fee Paid		119	330	219	165	Notice of Appeal	1	
		Jtility filing fee	385	٦	120	330	220	165	_	support of an appeal	\square
		Design filing fee	1 300	1	121	290	221	145	Request for oral		
107 530 2	.07 265 F	Plant filing fee			138	1,510	138	1,510	Petition to institution proceeding	ite a public use	
		Reissue filing fee		4	140	110	240	55	Petition to revive		
114 160 2	214 80 F	Provisional filling f	ee	J	141 142	1,330	241	665	Petition to revive		
SUBTOTAL (1) (\$) 385						1,330	242	665	Utility issue fee (•	
		· <u>·</u>			143	480	243	240	Design issue fee	9	\vdash
2. EXTRA CLAIM	FEES				144 122	640	244	320 130	Plant issue fee Petitions to the (inclance	
		Extra Fe	e from Fee		123	130 50	122 123	50		under 37 CFR 1,17 (q)	\vdash
Total Claims 14	-20 ** = [Claims bel	ow Paid = 0		126	180	126	180	Submission of Ir	nformation Disclosure	
Independent 1	٦					Stmt	patent assignment	\vdash			
Claims 1 Multiple	-3 " =	° × °] 	581	40	581	40	per property (time properties)		
Dependent	CII FAir	×	= 0	ِ ل	146	770	246	385		ion after final rejection	,
Large Entity Fee Fee	Small Entity Fee Fee				149	770	249	385		nal invention to be	
Code (\$)	Code (\$)	Fee Description	on						examined (37 C	FR § 1.129(b))	
103 18	203 9	Claims in exces			179	770	279	385	Request for Contin	ued Examination (RCE)	
102 86	202 43	•	aims in excess of 3								\vdash
104 290	204 145		dent claim, if not paid		169	900	169	900	Request for exped	lited examination	
109 86	209 43	original patent	pendent claims over						of a design application		
110 18	210 9	** Reissue clair over original pa	ms in excess of 20 an atent	d	Other fee (specify)						
SUBTOTAL (2) (\$) 0						*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					
**or number previou	sly paid, if greater;	For Reissues, see	above								
SUBMITTED BY					•				Com	plete (if applicable)	$\overline{}$
						1	007				

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	Alan D. Kamrath	Registration No. Attorney/Agent)	28,227	Telephone	612/340-8925			
Signature	Ma	Someth	-	Date	November 10, 2003			